

Name: _____

Date: _____

Algebra 1A Pd: _____

Weekend Word Problem #11: Measures of Central Tendency (2)

The grades of John's first four science quizzes are: 90, 91, 91, 88.

1. Find the mean of John's grades. Show your work.

2. Find the median of John's grades. Show your work.

3. Find the mode of John's grades.

4. Which measure of central tendency (mean, median, or mode) best describes John's grades? Why? Write ONE complete sentence using algebraic terms.

Optional CHALLENGE Questions:

5. John wants to have a quiz average of a 91. What must he earn on his fifth science quiz?
WRITE AN EQUATION to solve!

6. Based on John's quiz grades so far, do you think he can end up with a quiz average of a 91? Use your answer for #5 to explain.
